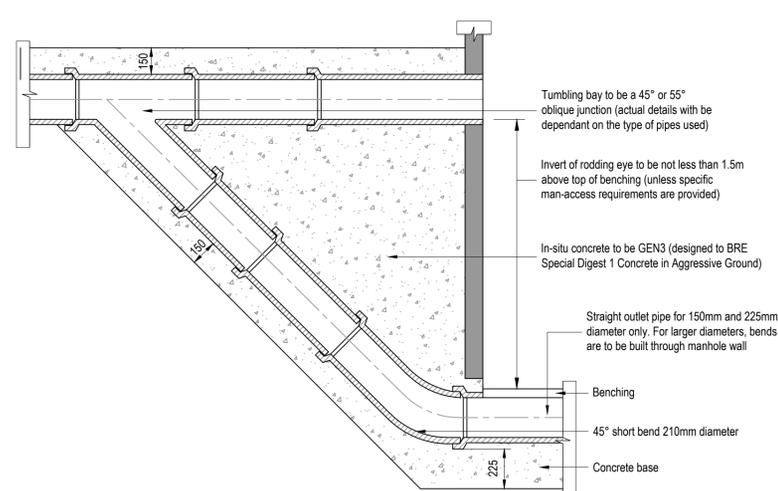
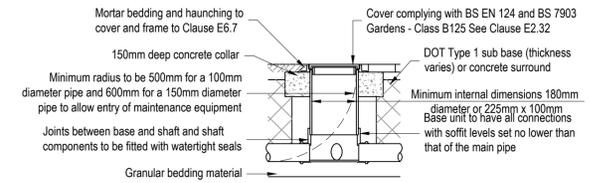


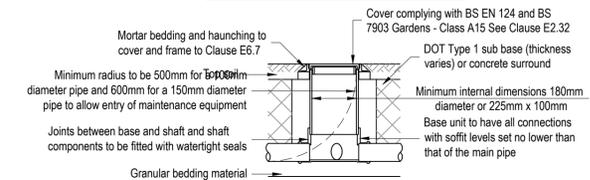
External Vertical Backdrop Detail
(Scale 1:20)



External Ramped Backdrop Detail
(Scale 1:20)



Sited in driveways/paved areas



Sited in domestic gardens

Plastic chambers and rings shall comply with BS EN 13598-1 and BS EN 13598-2 or have equivalent independent approval

Flexible inlet/outlet and/or bend (maximum angle 45°)

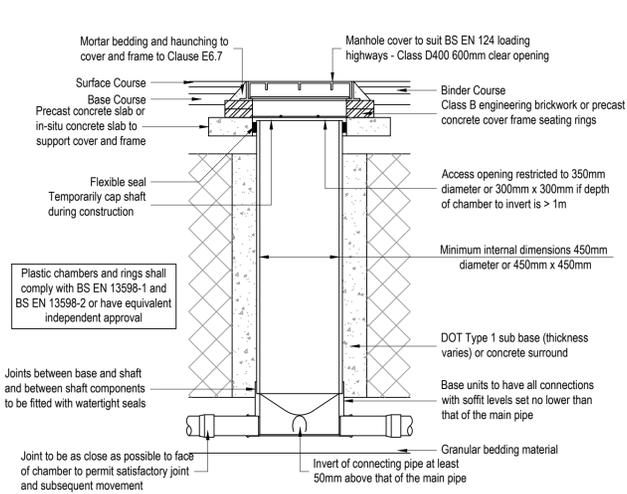
Joint to be as close as possible to face of chamber to permit satisfactory joint and subsequent movement

Where chambers are positioned on 90° corners, always use the main channel by fitting a 45° bend on the inlet and outlet

Unused inlet to be sealed and watertight

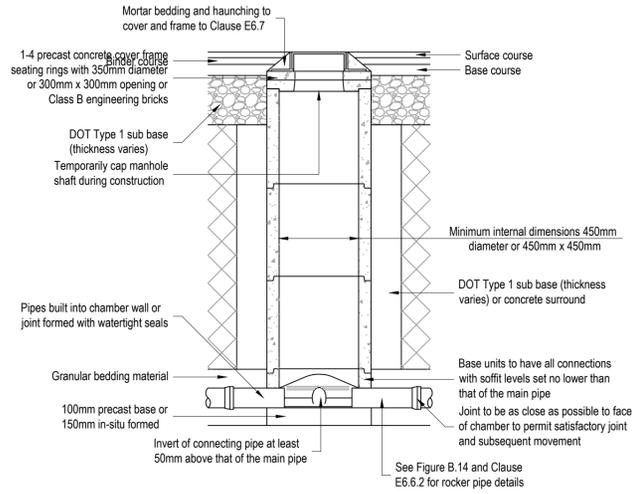
Typical Inspection Chamber Detail - Type 4 (Flexible Material Detail)
(Scale 1:20)

Maximum depth from cover level to soffit of pipe is 600mm. Chamber to be upsized to Type 3 as required.



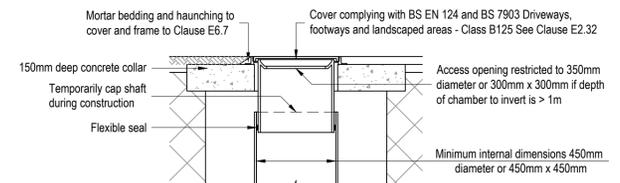
Typical Inspection Chamber Detail - Type 3 (Flexible Material Detail)
(Scale 1:20)

Maximum depth from cover level to soffit of pipe in areas subject to vehicle loading 3m, non-entry



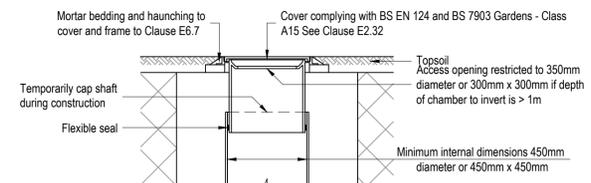
Typical Inspection Chamber Detail - Type 3 (Rigid Material Detail)
(Scale 1:20)

Maximum depth from cover level to soffit of pipe in areas subject to vehicle loading 3m, non-entry



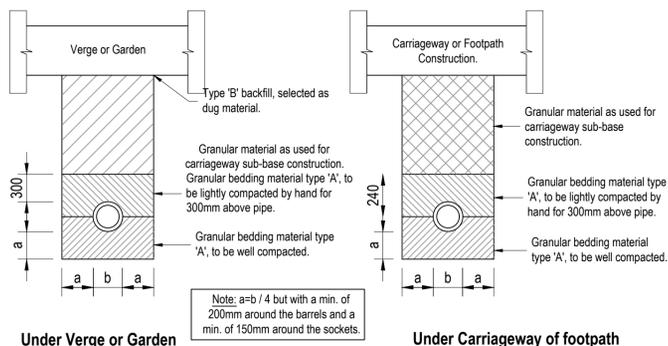
Sited in domestic driveways or footways

Plastic chambers and rings shall comply with BS EN 13598-1 and BS EN 13598-2 or have equivalent independent approval

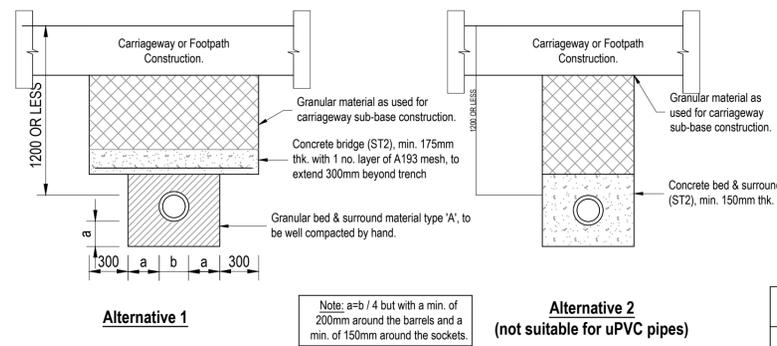


Sited in domestic gardens

Alternative Top Details for light vehicle loading and landscaped areas
(Scale 1:20)



Bedding Method Class "S"
(Scale 1:25)



Granular/Concrete Bed Surround - For Use Under Carriageway or Footpath Where Cover to Crown of Pipe is 1200mm or Less
(Scale 1:25)

Pipe Bedding Details

Compressible Filler and Packing for Pipelines.

At each flexible pipe joint a joint filler (e.g. fibreboard or polystyrene) shall be used (see table below), and shall extend through the full thickness of any concrete in contact with the pipe. The concrete bed shall be cut away at each joint to give a clearance of at least 50mm, so that the joint does not bear on the bed.

Nominal Diameter of Pipe (mm)	Thickness of Compressible Filler (mm)
Less than 450	18
450 - 1200	36
exceeding 1200	54

Nominal diameter of pipe (mm)	Effective length (m)
150 to 600	0.6
675 to 750	1.0
825 and over	1.25

Pipe Bedding Material Details.

Material designated type 'A' shall consist of angular gravel or crushed rock graded in accordance with BS 882 or air cooled blast furnace slag to BS 1047 or sintered pulverised fuel ash to BS 3797 selected according to pipe size as follows:-

Nominal size of pipes (mm)	Maximum particle size (mm)	Imported granular materials
100 - 125	10	10mm nominal single-size.
150 - 200	15	10 or 14mm nominal single-size or 14mm to 5mm graded.
225 - 300	20	10, 14 or 20mm nominal single-size or 14mm to 5mm graded or 20mm to 5mm graded.
375 - 500	20	14 or 20mm nominal single-size or 14mm to 5mm graded or 20mm to 5mm graded.
OVER 500	40	14, 20 or 40mm single-size or 14mm to 5mm graded or 20mm to 5mm graded or 40mm to 5mm graded.

Material designated type 'B' used under gardens and verges shall consist of uniform readily compactable material, free from tree roots, vegetable matter, building rubbish and frozen soil, and excluding clay lumps retained on a 75mm sieve and stones larger than 37mm. Bedding to be compacted in 225mm layers.

Material designated type 'B' used under roads and footpaths shall consist of granular material as used for carriageway sub-base construction.

P01	FIRST ISSUE	JSM	MA	MA
Rev	Details	Author & Date	Checked & Date	Approved & Date
Client PPJ Developments				
Project Name Land rear of 23-43 Moor Lane, Gomersal, Cleckheaton, BD19 4LF				
Drawing Title Drainage Construction Details Sheet 2				
Purpose S3 - For Comment				
Scale	Drawn	Checked	Approved	
As shown	JSM	MA	MA	
Original Size	Date	Date	Date	
A1	25/09/2025	26/09/2025	26/09/2025	
Drawing Number	Rev.			
PV2511-APP-92-XX-DR-C-3401	P01			